

National Transportation Safety Board
Washington, DC 20594

Brief of Accident

Adopted 02/12/1993

NYC90FA061 File No. 2184	01/29/1990	WILLISTON,, VT	Aircraft Reg No. N4688B	Time (Local): 21:00 EST		
Make/Model: CESSNA / 208B				Fatal	Serious	Minor/None
Engine Make/Model: P&W / PT6A-114			Crew	1	0	0
Aircraft Damage: Destroyed			Pass	1	0	0
Number of Engines: 1						
Operating Certificate(s): On-demand Air Taxi						
Name of Carrier: BUSINESS AIR, INC.						
Type of Flight Operation: Non-scheduled; Domestic; Cargo						
Reg. Flight Conducted Under: Part 135: Air Taxi & Commuter						
Last Depart. Point: Same as Accident/Incident Location				Condition of Light: Night/Dark		
Destination: ALBANY , NY				Weather Info Src: Weather Observation Facility		
Airport Proximity: Off Airport/Airstrip				Basic Weather: Instrument Conditions		
				Lowest Ceiling: 1000 Ft. AGL, Obscured		
				Visibility: .00 SM		
				Wind Dir/Speed: 080 / 006 Kts		
				Temperature (°C): -1		
				Obstr to Vision: Fog		
				Precipitation: Snow		
Pilot-in-Command				Flight Time (Hours)		
Age: 37						
Certificate(s)/Rating(s)				Total All Aircraft: 3110		
Airline Transport; Commercial; Multi-engine Land; Single-engine Land; Single-engine Sea				Last 90 Days: Unk/Nr		
Instrument Ratings				Total Make/Model: 270		
Airplane				Total Instrument Time: UnK/Nr		

THE PILOT FAILED TO DEICE THE WINGS PRIOR TO THE TAKEOFF AND OVERLOADED THE AIRPLANE BY 360 LBS STRUCTURALLY AND 1100 LBS FOR FLIGHT IN ICING CONDITIONS. THERE WAS MODERATE SNOW FALLING AT THE TIME OF TAKEOFF. THE TAKEOFF ROLL WAS DESCRIBED AS LONG AND A WITNESS SAW THE WINGS ROCKING FROM SIDE TO SIDE AFTER TAKEOFF. THE AIRPLANE STRUCK TREES ONE MILE OFF THE END OF THE RUNWAY, CRASHED AND BURNED. POST ACCIDENT INVESTIGATION FOUND SNOW CONTAMINATION ON THE TOP OF ONE WING THAT DID NOT BURN AND THE TOP OF THE HORIZONTAL STABILIZERS AND ELEVATORS. NO DISCREPANCIES WERE FOUND WITH THE ENGINE OR AIRFRAME.

Brief of Accident (Continued)

NYC90FA061

File No. 2184

01/29/1990

WILLISTON,, VT

Aircraft Reg No. N4688B

Time (Local): 21:00 EST

Occurrence #1: LOSS OF CONTROL - IN FLIGHT

Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) PREFLIGHT PLANNING/PREPARATION - IMPROPER - PILOT IN COMMAND
2. (C) PROCEDURES/DIRECTIVES - NOT FOLLOWED - PILOT IN COMMAND
3. (F) WEATHER CONDITION - SNOW
4. WING - CONTAMINATION
5. CLIMB - NOT ATTAINED - PILOT IN COMMAND
6. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
7. (C) STALL - INADVERTENT - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH OBJECT

Phase of Operation: DESCENT - UNCONTROLLED

Findings

8. OBJECT - TREE(S)

Findings Legend: (C) = Cause, (F) = Factor

The National Transportation Safety Board determines the probable cause(s) of this accident as follows.

THE FAILURE OF THE PILOT TO DE-ICE THE AIRPLANE PRIOR TO DEPARTURE, AND HIS DECISION TO MAKE THE TAKEOFF AT A WEIGHT THAT EXCEEDED BOTH THE MAXIMUM STRUCTURAL TAKEOFF WEIGHT AND THE REDUCED TAKEOFF WEIGHT ALLOWED FOR ICING CONDITIONS RESULTING IN AN INADEVERTENT STALL.